## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7129	(measur\$3 or determin\$3) with ((channel near3 power) or rcpi)	US-PGPUB; USPAT; EPO; DERWENT	USPAT; EPO;		2009/08/13 12:11
L2	3147	L1 and antenna	US-PGPUB; OR USPAT; EPO; DERWENT		ON	2009/08/13 12:11
L3	97	L2 and (logarithmic or (natural adj2 log))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/08/13 12:11
L4	36	(joseph near2 kwak). inv.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/08/13 12:23
L5	230	(stephen near2 dick). inv.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/08/13 12:26
L6	9	5 and (power and antenna).clm.	US-PGPUB; USPAT; EPO; DERWENT	USPAT; EPO;		2009/08/13 12:27
S1	5855	(measur\$3 or determin\$3) with (channel near3 power)	US-PGPUB; OR USPAT; EPO; DERWENT		ON	2008/03/31 09:18
S2	2547	S1 and antenna	US-PGPUB; USPAT; EPO; DERWENT	PAT; EPO;		2008/03/31 09:24
S3	232	S2 and decibel and db	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/03/31 09:26
S4	100	S3 and "370"/\$.ccls.	US-PGPUB; USPAT; EPO; DERWENT	US-PGPUB; OR USPAT; EPO;		2008/03/31 09:26
<b>S</b> 5	63	rcpi	US-PGPUB; OR USPAT; EPO; DERWENT		ON	2009/01/03 15:11
S6	1084	plcp	US-PGPUB; OR USPAT; EPO; DERWENT		ON	2009/01/03 15:15
S7	93	S6 and (physical near3 preamble)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:15

S8	0	S5 and S7	US-PGPUB; OR USPAT; EPO; DERWENT		ON	2009/01/03 15:16
S9	76	S7 and power	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:16
S10	140	plcp same power	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:19
S11	16	S10 and (physical near3 preamble)	US-PGPUB; OR USPAT; EPO; DERWENT		ON	2009/01/03 15:19
S12	6	rcpi same (physical near3 (layer or sub \$1layer))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:22
S13	25	rcpi and (physical near3 (layer or sub \$1layer))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:23
S14	949	(measur\$3 or determin\$3) with (rcpi or (receiv\$3 near3 channel near3 power))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:25
S15	104	(measur\$3 or determin\$3) with (rcpi or (receiv\$3 adj2 channel adj2 power))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:26
S16	209	(measur\$3 or determin\$3) with (channel near3 power) with antenna	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:33
S17	4	S16 and 370/328. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:40
S18	3	S16 and 370/338. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:40
S19	0	S16 and 370/400. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:40
S20	0	S16 and 370/401. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:40
S21	2	S16 and 455/13.4. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:40

S22	31	S16 and 455/522. ccls.	US-PGPUB; OR USPAT; EPO; DERWENT		ON	2009/01/03 15:41
S23	1	S16 and 455/151.1. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:43
S24	0	S16 and 455/154.1. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:43
S25	0	S16 and 455/226.4. ccls.	US-PGPUB; OR USPAT; EPO; DERWENT		ON	2009/01/03 15:43
S26	209	(measur\$3 or determin\$3) with (channel near3 power) with antenna	US-PGPUB; USPAT; EPO; DERWENT	T; EPO;		2009/01/03 15:44
S27	107	S26 and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; DERWENT	PAT; EPO;		2009/01/03 15:44
S28	695	(measur\$3 or determin\$3) with (receiv\$3 adj2 power) with antenna	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:45
S29	1287	(measur\$3 or determin\$3) with (receiv\$3 adj2 power) with channel	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:46
S30	795	S29 and antenna	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:47
S31	131	S29 same antenna	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:47
S32	19	(measur\$3 or determin\$3) with rcpi	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 15:59
S33	63	rcpi	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 16:02
S34	74	S29 same (physical or plcp)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/03 16:06
<b>S</b> 35	174	(power or energy) same (plcp or (physical adj2 layer adj2 convergence))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 13:31

S36	61	S35 and (physical adj2 layer adj2 convergence adj2 protocol)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 13:31
S37	782575	(measur\$3 or detect \$3 or estimat\$3 or calculat\$3 or comput \$3) with (power or energy or rssi or (signal adj2 strength))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 13:43
S38	675853	(measur\$3 or detect \$3 or estimat\$3 or calculat\$3 or computing or compute) with (power or energy or rssi or (signal adj2 strength))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 13:44
S39	130	S38 and (physical adj2 layer adj2 convergence adj2 protocol)	US-PGPUB; USPAT; EPO; DERWENT	PAT; EPO;		2009/01/14 13:45
S40	2	455/522.ccls. and (physical adj2 layer adj2 convergence adj2 protocol)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 14:17
S41	675853	(measur\$3 or detect \$3 or estimat\$3 or calculat\$3 or computing or compute) with (power or energy or rssi or (signal adj2 strength))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:14
S42	12563	S41 and (rcpi or "802.11"\$1)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:15
S43	1412	S41 same (rcpi or "802.11"\$1)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:15
S44	37	S43 and 455/41.2. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:16
S45	3	S43 and 455/41.3. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:18
S46	54	S43 and 455/67.11. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:18

S47	0	S43 and 455/67.12. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:24
S48	26	S43 and 455/67.13. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:24
S49	17	S43 and 455/226.1. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:27
S50	14	S43 and 455/226.2. ccls.	US-PGPUB; OR USPAT; EPO; DERWENT		ON	2009/01/14 16:28
S51	9	S43 and 455/226.3. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:29
S52	1	S43 and 455/226.4. ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:29
S53	452	(rcpi or rssi) same "802.11"\$1	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:30
S54	1090	(rcpi or rssi or (receiv \$3 adj2 (power or strength))) same "802.11"\$1	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:31
S55	20	S54 and (physical adj2 layer adj2 convergence adj2 protocol)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:32
S56	25330	(measur\$3 or detect \$3 or determin\$3) with (receiv\$3 adj2 (power or strength))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:42
S57	5098	S56 same channel	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:42
S58	14	S57 and (physical adj2 layer adj2 convergence adj2 protocol)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/01/14 16:43
S59	6843	(measur\$3 or determin\$3) with ((channel near3 power) or rcpi)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/04/23 13:35
S60	3018	S59 and antenna	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/04/23 13:36

S61	90	S60 and (logarithmic or (natural adj2 log))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/04/23 13:37
S62	5909	(logarithmic or (natural adj2 log)) same (power or rcpi)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/04/23 13:39
S63	480	(logarithmic or (natural adj2 log)) same (power or rcpi) same channel	US-PGPUB; OR USPAT; EPO; DERWENT		ON	2009/04/23 13:40
S64	184	S63 and antenna	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/04/23 13:41
S65	113	\$64 and ("370"/\$. ccls. or "455"/\$.ccls.)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/04/23 13:41
<b>S</b> 66	149	((rcpi or power) and channel and (antenna or wireless or radio or mobile or (base adj2 station)) and (log or logarithmic)).clm.	US-PGPUB	OR	ON	2009/04/23 13:47
<b>S</b> 67	75	(((rcpi or power) with channel) and (antenna or wireless or radio or mobile or (base adj2 station)) and (log or logarithmic)).clm.	US-PGPUB	OR	ON	2009/04/23 13:48
S68	3	S67 and dsss	US-PGPUB	OR	ON	2009/04/23 13:49

## **EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	71	((channel near3 power) and antenna and (bit or byte)).clm.	USPAT; UPAD	OR	ON	2009/08/13 12:29
L8	0	7 and 370/328,338. ccls.	USPAT; UPAD	OR	ON	2009/08/13 12:30
L9	12	7 and 455/13.4,522. ccls.	USPAT; UPAD	OR	ON	2009/08/13 12:31

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